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DESCRIPTORS: *Measure theory, Equations,
Mathematics, *Differential geometry, Topology.

It is demonstrated in the present paper that for suffi-
ciently simple sets (smooth arcs) the linear variation
of the set and its length are coinciding with an accuracy
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[Ashkhabad]. Izv[estiya]. Ser[iya] Fiz[iko]
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DESCRIPTORS: *Alkanes, *Hexanes, Dehydrogenation,
*Alkenes, *Hexenes, Synthesis (Chemistry)
*Catalysts, *Zinc compounds, *Chromates.

Zinc chromate was studied as catalyst for paraffin
dehydrogenations to olefins. It was shown that
n-paraffins can be efficiently dehydrogenated at 500 C
and space velocity 1.5 hour⁻¹ to the respective olefins.
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DESCRIPTORS: *Moon, Photography, Mapping, Optics.
Astronomical data, Surface properties.

A new method is offered for determination of the position of Mösting A relative to the lunar center of mass which will not depend on the figure of the lunar limb zone. Measurement of the position angles of the limb craters relative to Mösting A makes it possible to determine the physical libration parameters. If the central crater is situated in the optical center, all (Astronomy--Astrophysics, TT, v. 8, no. 10) (over)

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DESCRIPTORS: Theory, *Heat transfer, *Convection,
*Evaporation, Differential equations, Thermal diffusion,
Thermionic emission, Partial differential equations,
Turbulent flow, Hydrodynamics, Thermodynamics,
Viscosity, Velocity, Vortices, Transition temperature,
Particles, Moisture, Boundary layer.

(Physics--Thermodynamics, TT, v. 6, no. 10)

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